

WHAT IS CLAIMED, IS:

1. A method for maintaining topology information of a topology of a system comprising a computer network, a first computer and a second computer connected to the first computer via the computer network, the method comprising:

sending, to a bootstrap router for maintaining said topology information and running on said first computer, a first message indicating a modification of said topology of said system;

10 receiving said first message by said bootstrap router;

updating said topology information maintained by said bootstrap router; and

15 sending by said bootstrap router a second message indicating said updated topology information to a router running on said second computer.

2. The method according to claim 1 wherein said system further comprises a plurality of computers connected to said computer network, wherein each specific computer out of said plurality of computers has a specific router running on said specific computer, the method further comprising sending said second message to each of said specific routers.

25 3. The method according to claim 1 wherein said system further comprises a client computer connected to said computer network and wherein said modification of said topology of said system is related to said client computer, the method further comprising:

10 putting said first message on a client controlling queue of said client computer; and

30 getting said first message from said client controlling queue and putting said first message on another controlling queue of said first computer having said bootstrap router.

4. The method according to claim 3 wherein said modification of said topology comprises adding a new client software component for running on said client computer.
5. The method according to claim 3 wherein said client controlling queue is physically associated with said client computer and wherein said other controlling queue is physically associated with said first computer.
10. The method according to claim 3 said client controlling queue and said other controlling queue are persistent queues.
15. The method according to claim 2 wherein said system further comprises a client computer connected to said computer network and wherein said modification of said topology of said system is related to said client computer, the method further comprising:
 20. putting said first message on a client controlling queue of said client computer; and
 - getting said first message from said client controlling queue and putting said first message on another controlling queue of said first computer having said bootstrap router.
25. The method according to claim 7 wherein said modification of said topology comprises adding a new client software component for running on said client computer.
30. The method according to claim 7 wherein said client controlling queue is physically associated with said client computer and wherein said other controlling queue is physically associated with said first computer.
10. The method according to claim 1 wherein said first computer having said bootstrap router is a server computer for running project management software for the graphical industry.

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11. A system for maintaining topology information of a topology of linked computers comprising a computer network, a first computer and a second computer connected to the first computer via the computer network, the system comprising:

5 means for sending, to a bootstrap router for maintaining said topology information and running on said first computer, a first message indicating a modification of said topology of said linked computers;

10 means for receiving said first message by said bootstrap router;

means for updating said topology information maintained by said bootstrap router; and

15 means for sending by said bootstrap router a second message indicating said updated topology information to a router running on said second computer.

12. The system of claim 11 wherein said linked computers further comprise a plurality of computers connected to said computer network, wherein each specific computer out of said plurality of computers has a specific router running on said specific computer, the system further comprising means for sending said second message to each of said specific routers.

13. A computer program product comprising a set of computer programs for maintaining a topology information of a topology of a system comprising a computer network, a first computer and a second computer connected to the first computer via the computer network, the computer program product comprising:

30 first program instructions for sending, to a bootstrap router for maintaining said topology information and running on said first computer, a first message indicating a modification of said topology of said system;

second program instructions for receiving said first message by said bootstrap router;

third program instructions for updating said topology information maintained by said bootstrap router; and
fourth program instructions for sending by said bootstrap router a second message indicating said updated topology information to a router running on said second computer.

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14. The computer program product according to claim 12 further comprising a computer readable medium wherein said first, second, third and fourth program instructions are recorded on
10 said medium.

15. A method for maintaining by a server computer a topology information of a topology of a system comprising said server computer and a client computer connected to said server computer
15 via a computer network, the method comprising:

receiving, by a bootstrap router for maintaining said topology information and running on said server computer, a first message indicating a modification of said topology of said system;

20 updating said topology information maintained by said bootstrap router; and

sending by said bootstrap router a second message indicating said updated topology information to a router running on said client computer.

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16. A system for maintaining by a server computer a topology information of a topology of a system comprising said server computer and a client computer connected to said server computer via a computer network, the system comprising:

30 means for receiving, by a bootstrap router for maintaining said topology information and running on said server computer, a first message indicating a modification of said topology of said system;

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means for updating said topology information maintained by
said bootstrap router; and

means for sending by said bootstrap router a second message
indicating said updated topology information to a router running
5 on said client computer.

17. A computer program product for maintaining by a server computer
a topology information of a topology of a system comprising said
server computer and a client computer connected to said server
10 computer via a computer network, the computer program product
comprising:

first program instructions for receiving, by a bootstrap
router for maintaining said topology information and running on
said server computer, a first message indicating a modification
15 of said topology of said system;

second program instructions for updating said topology
information maintained by said bootstrap router; and

third program instructions for sending by said bootstrap
router a second message indicating said updated topology
20 information to a router running on said client computer.

18. The computer program product according to claim 16 further
comprising a computer readable medium wherein said first, second
and third program instructions are recorded on said medium.

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19. A method for maintaining a topology information of a topology of
a system comprising a server computer and a client computer
connected to said server computer via a computer network, the
method comprising sending by said client computer a message to a
30 bootstrap router for maintaining said topology information and
running on said server computer, wherein said message indicates
a modification of said topology of said system and wherein said
modification is related to said client computer.

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20. A client computer for maintaining topology information of a topology of a system comprising a server computer and the client computer connected to said server computer via a computer network, the client computer sending a message to a bootstrap router for maintaining said topology information, wherein said message indicates a modification of said topology of said system and wherein said modification is related to said client computer.
- 10 21. A computer program product for maintaining a topology information of a topology of a system comprising a server computer and a client computer connected to said server computer via a computer network, the computer program product comprising program instructions for sending by said client computer a message to a bootstrap router for maintaining said topology information and running on said server computer, wherein said message indicates a modification of said topology of said system and wherein said modification is related to said client computer
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- 20 22. The computer program product according to claim 20 further comprising a computer readable medium wherein said program instructions are recorded on said medium.